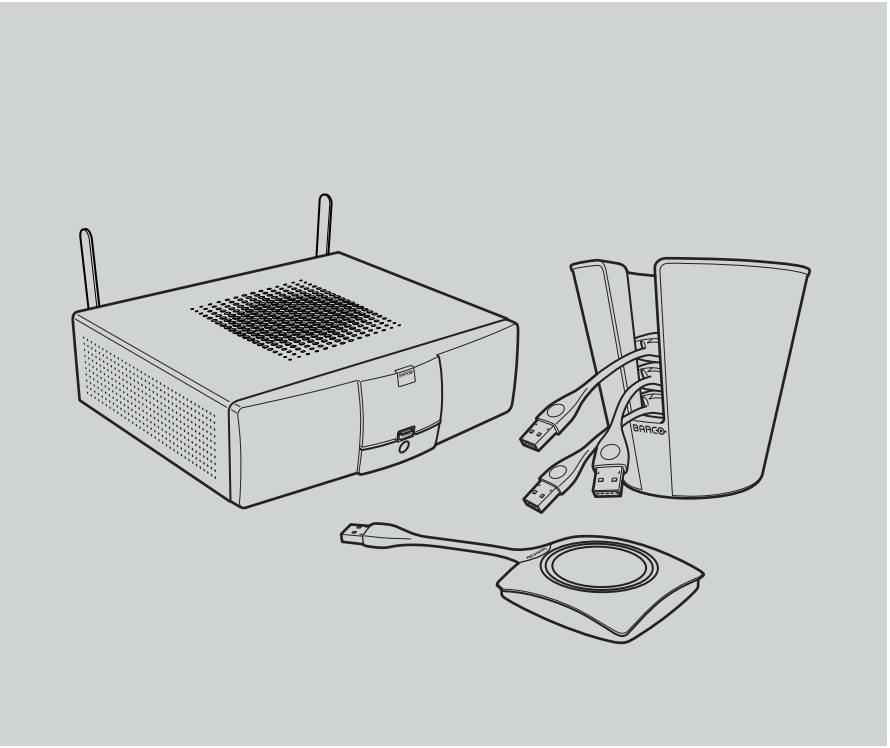
ClickShare



Safety Guide

R5900005/03
15/07/2013

BARCO

Visibly yours

Barco nv
President Kennedypark 35, 8500 Kortrijk, Belgium
Phone: +32 56.23.32.11
Fax: +32 56.26.22.62
Support: www.barco.com/esupport
Visit us at the web: www.barco.com

Printed in China

1. SAFETY

About this chapter

Read this chapter attentively, it contains important information to prevent personal injury while using ClickShare. It also includes several cautions to prevent damage to the ClickShare product. Ensure that you understand and follow all safety guidelines, safety instructions and warnings in this chapter before using your ClickShare.

Covered ClickShare products and ClickShare Link

Regional version	Contains	Accessories included
R9861005EU	• R9861006BEU • 4x R9861006D01 • R9861006T01	• power cables CEE7 and BS 1363 • wall/ceiling mounting brackets • a DVI to VGA converter
R9861005JP	• R9861006BJP • 4x R9861006D01 • R9861006T01	• power cable JIS C8303 • wall/ceiling mounting brackets • a DVI to VGA converter
R9861005CN	• R9861006BCN • 4x R9861006D01 • R9861006T01	• power cable GB 2099 • wall/ceiling mounting brackets • a DVI to VGA converter
R9861005NA	• R9861006BNA • 4x R9861006D01 • R9861006T01	• power cable NEMA 5/15 • wall/ceiling mounting brackets • a DVI to VGA converter
R9861005WW	• R9861006BEU • 4x R9861006D01 • R9861006T01	• power cables CEE7 and BS 1363 • wall/ceiling mounting brackets • a DVI to VGA converter

Contact your local sales representative for the correct regional variant necessary in your environment.

Optional equipment:

R9861001	• ClickShare Link • USBA to USBmini cable • HDMI to DVI convertor • Power supply • AC clips type A, C, G, I

About this guide

Part number	Description	Level
R5900005	Safety Guide	Any person that comes in contact with the ClickShare product

Always check for the latest version of the manual on www.barco.com/clickshare Click on Visit the ClickShare product page and go to tab Downloads..

List of available ClickShare documents

The ClickShare documentation consists of the following manuals:

Guide	Article number
User Guide	R5900001
Quick Start Guide	R5900002
Installation Guide	R5900004
Safety Guide (this manual)	R5900005

Guide	Article number
Service Guide	R5900006 (Only available to Customer Service partners)
Button Guide	R5900007
Rack Mount Guide	R5900008
Recycling Manual	R5900009 (Available upon request)

A printed copy of the Safety Guide and Quick Start Guide is included in the ClickShare box at purchase. Please check online for the other documents.

1.1 General safety

Safety warnings

The installation of the device must comply with the guidelines in the ClickShare Installation Guide (R5900004).

- To prevent injuries and physical damage, always read this manual and all labels on the system before connecting to the wall outlet.
- The apparatus must be grounded (earthed) via the supplied power cable. If the supplied power cable is not the correct one, consult your dealer.
- The ClickShare product is intended to be used in office and indoor environments only.
- Only use the power cord supplied with your device. While appearing to be similar, other power cords have not been safety tested at the factory and may not be used to power the device. For a replacement power cord, contact your dealer.
- This product should be operated from an AC power source. Power input is auto-ranging from 100 V to 240 V.
- All equipment in the system is equipped with a 3-wire grounding plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the purpose of the grounding- type plug.
- Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord. To disconnect the cord, pull it out by the plug. Never pull the cord itself.
- If an extension cord is used with this product, make sure that the total of the Ampere ratings on the products plugged into the extension cord does not exceed the extension cord Ampere rating.
- Never spill liquid of any kind on the product. Should any liquid or solid object fall into the cabinet, unplug the set and have it checked by qualified service personnel before resuming operations.
- Lightning - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the device due to lightning and AC power-line surges.
- Only use attachments/accessories specified by the manufacturer.

Battery caution

CAUTION: Risk of explosion when the battery is replaced by an incorrect type. Dispose of used batteries according to the waste instructions.

ATTENTION : Risque d'explosion en cas d'usage d'une batterie non prévue pour cet appareil. Jetez les batteries usagées suivant les règles de recyclage prévues.

WARNING: Ensure you understand and follow all safety guidelines, safety instructions, warnings and cautions mentioned in the product documentation.

WARNING: The mains power plug connected to the wall outlet must be easily accessible at all times for all installation modes.

Environment

Do not place this equipment on an unstable cart, stand, or table. The product may fall, causing serious damage to it.

1.2 Service

Risk of electric shock

Do not open. To reduce the risk of electric shock, do not remove the cover. No user- serviceable parts inside. Refer all servicing to qualified service personnel.

Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power cord or plug is damaged or frayed.
- If liquid has been spilled into the equipment.
- If the product has been exposed to rain or water.
- If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment of the other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
- If the product has been dropped or the cabinet has been damaged.
- If the product exhibits a distinct change in performance, indicating a need for service.
- Replacement parts: When replacement parts are required, be sure the service technician has used original BARCO replacement parts or authorized replacement parts which have the same characteristics as the BARCO original part. Unauthorized substitutions may result in degraded performance and reliability, fire, electric shock or other hazards. Unauthorized substitutions may void warranty.
- Safety check: Upon completion of any service or repairs to this device, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

1.3 Heat and fire hazard

Heat and Fire Hazard

Warning – risk of fire: do not place flammable or combustible materials near the device!

Barco products are designed and manufactured to meet the most stringent safety regulations.

This device radiates heat on its external surfaces and from ventilation ducts during normal operation, which is both normal and safe. Exposing flammable or combustible materials into close proximity of this device could result in the spontaneous ignition of that material, resulting in a fire. For this reason, it is absolutely necessary to leave an “exclusion zone” around all external surfaces of the device where no flammable or combustible materials are present. The exclusion zone must be not less than 40 cm (16”) for all Barco devices. Do not cover the device with any material while the it is in operation.

Mount the device in a well ventilated area away from sources of ignition and out of direct sun light.

In the event of fire, use sand, CO2, or dry powder fire extinguishers; never use water on an electrical fire.

Slots and openings in the cabinet and the sides are provided for ventilation; to ensure reliable operation of the device and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. Loose papers or other objects may not be nearer to the device than 10 cm (or 4") on any side.

1.4 Environmental Condition Check

Environment condition check

A device must always be mounted in a manner which ensures both air inlets and outlets are free. For installations in environments where the device is subject to excessive dust, then it is highly advisable and desirable to have this dust removed prior to it reaching the device clean air supply. Devices or structures to extract or shield excessive dust well away from the device are a prerequisite; if this is not a feasible solution then measures to relocate the device to a clean air environment should be considered.

It is the client’s responsibility to ensure at all times that the device is protected from the harmful effects of hostile airborne particles in the environment of the device. The manufacturer reserves the right to refuse repair if a device has been subject to negligence, abandon or improper use.

Ambient temperature conditions

Max. ambient temperature : +40°C or 104°F

Min. ambient temperature: 5°C or 41°F

Storage temperature: -20°C to +60°C (–4°F to 140°F)

Humidity Conditions

Storage: 0 to 90% relative humidity, non-condensing

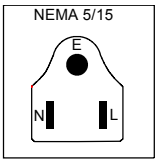
Operation: 0 to 85% relative humidity, non-condensing

Environment

Do not install the device in a site near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust or humidity. Be aware that room heat rises to the ceiling; check that temperature near the installation site is not excessive.

1.5 Plug types ClickShare

AC Power cord with NEMA 5/15 plug up to 15 A



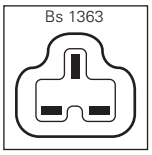
The wires of the power cord are colored in accordance with the following code:

Green or yellow + green: Earth (Ground)

Blue or white: Neutral

Brown or black: Line (Live)

AC Power cord with BS 1363 plug up to 13 A



The wires of the mains lead are colored in accordance with the following code:

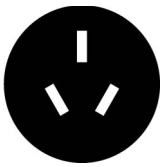
Green + yellow: Earth (Ground)

Blue: Neutral

Brown: Line (Live)

Make sure you use the correct fuse rating for the appliance.

Power cord with GB 2099 plug



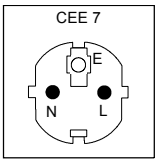
The wires of the mains lead are colored in accordance with the following code:

Green + yellow: Earth (Ground)

Blue: Neutral

Brown: Line (Live)

AC Power cord (mains lead) with CEE 7 plug up to 16 A



The wires of the mains lead are colored in accordance with the following code:

Green + yellow: Earth (Ground)

Blue: Neutral

Brown: Line (Live)

AC Power cord with JIS C8303 plug up to 7 A

The wires of the power cord are colored in accordance with the following code:

Green or yellow + green: Earth (Ground)

Blue or white: Neutral

Brown or black: Line (Live)

1.6 Adapter types ClickShare Link

Type A power input AC clip

Image 1-1

Type C power input AC clip

Image 1-2

Type G power input AC clip.

Image 1-3

Type I power input AC clip (two pins)

Image 1-4

1.7 Compliance FCC

Federal Communication Commission Interference Statement

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

If this equipment does cause interference with radio communications services, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation of the device.

FCC RF Radiation Exposure Statement: This device is capable of operating in 802.11a mode. For 802.11a devices operating in the frequency range of 5.15 - 5.25 GHz, they are restricted for indoor operations to reduce any potential harmful interference for Mobile Satellite Services (MSS) in the US. WIFI Access Points that are capable of allowing your device to operate in 802.11a mode (5 .15 - 5.25 GHz band) are optimized for indoor use only. If your WIFI network is capable of operating in this mode, please restrict your WIFI use indoors to not violate federal regulations to protect Mobile Satellite Services.

Base Unit FFC ID: RYK-WPEA-121N

Button FCC ID: 2AAED-CLSBTN

1.8 International Safety Standards

Standards overview

This equipment is built in accordance with the requirements of the international safety standards IEC60950-1, EN60950-1, UL60950-1 and CAN/CSA C22.2 No.60950-1, which are the safety standards of information technology equipment including electrical business equipment. These safety standards impose important requirements on the use of safety critical components, materials and insulation, in order to protect the user or operator against risk of electric shock and energy hazard and having access to live parts. Safety standards also impose limits to the internal and external temperature rises, radiation levels, mechanical stability and strength, enclosure construction and protection against the risk of fire. Simulated single fault condition testing ensures the safety of the equipment to the user even when the equipment's normal operation fails.

1.9 Compliance IC

Canada, Industry Canada (IC) Notices

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Radio Frequency (RF) Exposure Information

The radiated output power of the Barco Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Barco Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

Base Unit IC ID: IC: 4104 A-AR5BHB116

Button IC ID: 9393B-CLSBTN

IC Antenna statement

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This radio transmitter 4104 A-AR5BHB116 has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Type: Dipole

Maximum Peak Gain: 2 dBi

Impedance: 50 Ohm